1. *How much in 0,01% of the power of sun?*

It is more energy than all humans use.

1. *What is Yuma famous for?*

Yume, Arizona is the sunniest place in the world, 90% of the year sky is clear, in this place supplies 80% of the entire planets current use.

1. *What is photosynthesis?*

The process by which green plants transform sun power into chemical energy.

1. *What is the 1-st way to capture the sun?*

The 1-st way is photovoltaic devices, known as solar cells.

1. *What is the other one?*

The 2-nd way is by capturing sun heat by concentrating water heat.

1. *How does it work?*

In the 1-st way the solar cells change sunlight into electricity, the solar cells combine into solar panel and can be placed on the roofs of buildings.

The 2-nd way concentrating solar energy for boil water, which creates steam and this steam turns a turbines, which moves a generator to generate electricity.

1. *What is the problem? How to solve it?*

The problem is the solar power exists only when the Sun is up. To solve this problem need to uses other forms of technologies, for example biogas, wind-driven generators or batteries.